

WHAT IS CLAIMED IS:

1. A control method for an image printing apparatus having a memory and spool means for temporarily storing received data as a print job file in the memory, comprising:
  - 5 the detection step of detecting the print job file stored in the memory in boot; and
  - the print job file delete step of deleting the print job file when the print job file stored in the memory is detected.
- 10 2. The method according to claim 1, wherein the boot includes boot processing performed in activation, resetting, or abnormal operation.
3. The memory according to claim 1, wherein the method further comprises
  - 15 the operation step of executing processing for an abnormality generated in the image printing apparatus, and
  - the second detection step of detecting execution of the processing for the abnormality, and
  - in the print job file delete step, the print job file
- 20 is deleted when execution of the processing for the abnormality is detected in the second detection step.
4. The method according to claim 1, wherein the method further comprises
  - a nonvolatile memory, and
  - 25 the abnormality informing step of, when an abnormality occurs in the image printing apparatus, classifying contents of the abnormality into an abnormality

caused by the print job file and an abnormality not caused by the print job file, and storing the contents in the nonvolatile memory, and

in the print job file delete step, the print job file  
5 is deleted when the abnormality is an abnormality caused by the print job file.

5. The method according to claim 4, wherein the abnormality caused by the print job file includes at least one of memory overflow, an abnormal instruction, download  
10 overflow, and an invalid format.

6. The method according to claim 1, wherein the method further comprises

a nonvolatile memory for storing boot time,  
the boot time update step of detecting boot time, and  
15 updating the time stored in the nonvolatile memory to the detected time, and

the comparison step of comparing a difference between the time stored in the nonvolatile memory and the boot time, and

20 in the print job file delete step, the print job file is deleted when the difference falls within a predetermined time.

7. An image printing apparatus having a memory and spool means for temporarily storing received data as a print job  
25 file in the memory, comprising:

detection means for detecting the print job file stored in the memory in boot; and

print job file delete means for deleting the print job file when the print job file stored in the memory is detected.

8. The apparatus according to claim 7, wherein the boot  
5 includes boot processing performed in activation, resetting, or abnormal operation.

9. The apparatus according to claim 7, wherein  
the apparatus further comprises  
operation means for executing processing for an  
10 abnormality generated in the image printing apparatus, and  
second detection means for detecting execution of the processing for the abnormality, and

said print job file delete means deletes the print job file when execution of the processing for the  
15 abnormality is detected by said second detection means.

10. The apparatus according to claim 7, wherein  
the apparatus further comprises  
a nonvolatile memory, and  
abnormality informing means for, when an abnormality  
20 occurs in the image printing apparatus, classifying contents of the abnormality into an abnormality caused by the print job file and an abnormality not caused by the print job file, and storing the contents in said nonvolatile memory, and

25 said print job file delete means deletes the print job file when the abnormality is an abnormality caused by the print job file.

11. The apparatus according to claim 10, wherein the abnormality caused by the print job file includes at least one of memory overflow, an abnormal instruction, download overflow, and an invalid format.
- 5 12. The apparatus according to claim 7, wherein the apparatus further comprises
- a nonvolatile memory for storing boot time,
- boot time update means for detecting boot time, and
- updating the time stored in said nonvolatile memory to the
- 10 detected time, and
- comparison means for comparing a difference between the time stored in said nonvolatile memory and the boot time, and
- said print job file delete means deletes the print
- 15 job file when the difference falls within a predetermined time.
13. A control program for controlling an image printing apparatus having a memory and spool means for temporarily storing received data as a print job file in the memory,
- 20 comprising:
- a code of the detection step of detecting the print job file stored in the memory in boot; and
- a code of the print job file delete step of deleting the print job file when the print job file stored in the
- 25 memory is detected.
14. A computer-readable storage medium which stores a control program for controlling an image printing apparatus

having a memory and spool means for temporarily storing received data as a print job file in the memory, wherein the control program comprises:

- a code of the detection step of detecting the print  
5 job file stored in the memory in boot; and

- a code of the print job file delete step of deleting the print job file when the print job file stored in the memory is detected.